

Prerequisite Only

This image shows the internal components of a red handheld device. A green printed circuit board (PCB) is populated with various electronic components, including a central microcontroller, memory chips, and passive components. A large silver motor is mounted on the PCB. A battery is visible at the bottom, labeled '2L 80025W'. Three red boxes highlight specific connection points: the top-left box shows a multi-pin connector with red and white wires; the top-right box shows a similar connector with red and white wires; the bottom-center box shows a connector with red and white wires. A black knob is visible on the left side of the PCB. The entire assembly is housed within a red plastic casing.

INTRODUCTION

Prerequisite Only



TOOLS:

- [64 Bit Driver Kit](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Rechargeable Battery Pack



- Pull the plastic tab on the battery compartment cover pannel, to loosen it and pull it off.

Step 2



- Disconnect the battery pack wires from the device and remove the battery pack.

Step 3 — Case Assembly



- Remove the two 22mm long hexagonal screws on the front face of the device. The T10 hexagonal tip in the iFixit Bit Driver Kit is a snug fit.

Step 4



- The upper rear face of the device has two similar 22mm long hexagonal screws; remove these.

Step 5



- At the center of the device there are two 10mm long Phillips #00 screws recessed deep in the body. You'll need to use a long, slender screwdriver to reach the bottom of the hole.
- ⓘ If you're using the 54-bit toolkit, use the female hexagonal bit to extend the reach of the Phillips #00 bit.

Step 6



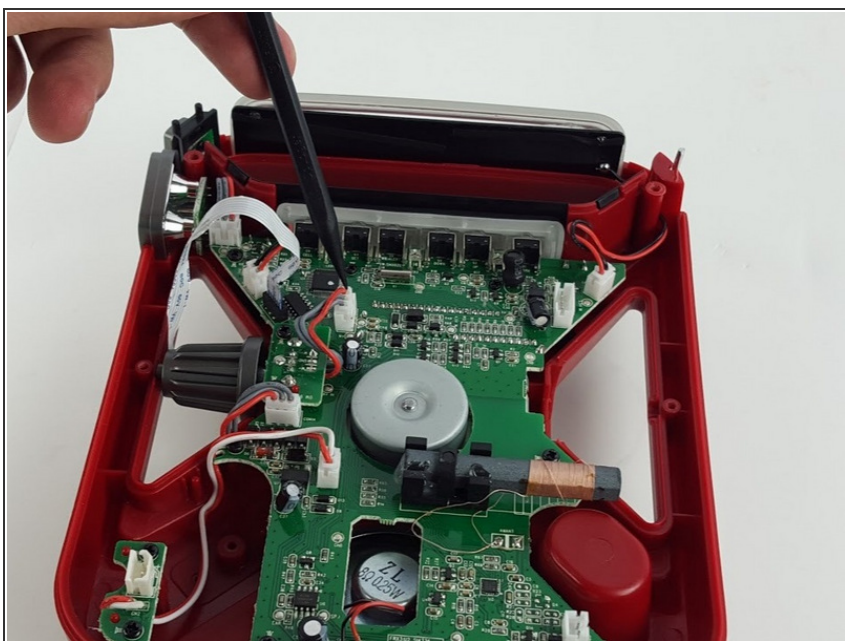
- On the bottom of the device are two rubber feet. Using the blue plastic opening tool, pry them up and pull straight off.
- ★ It's best to place these on their non-sticky side while you work, as you'll want them to keep as much tackiness as possible for reassembly.

Step 7



- Pull apart the two halves of the device at the seam.
- You will notice that three components from the back half will prevent you from fully opening the device, just unplug these connections as shown in the image.

Step 8 — Tuning Dial



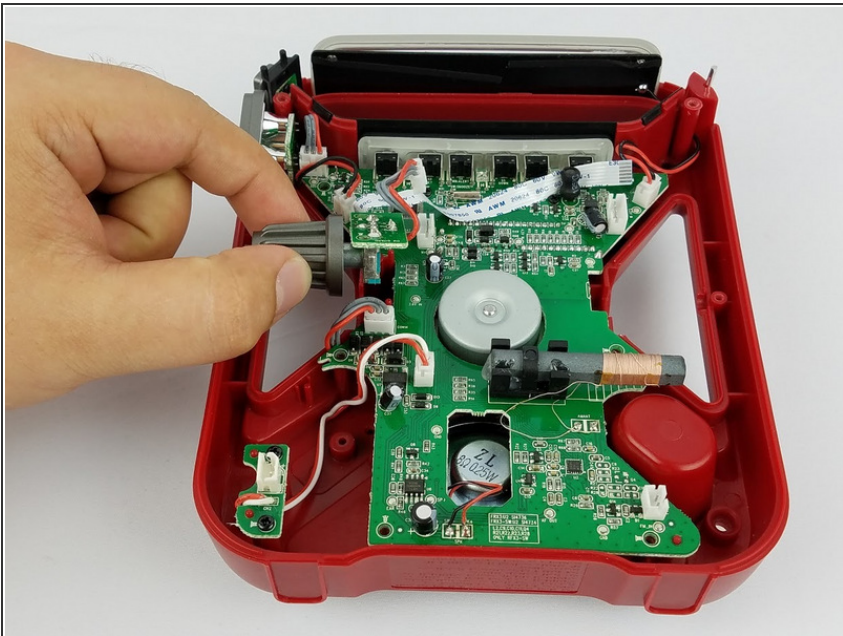
- Unplug the socket connection from the motherboard as shown in the image.

Step 9



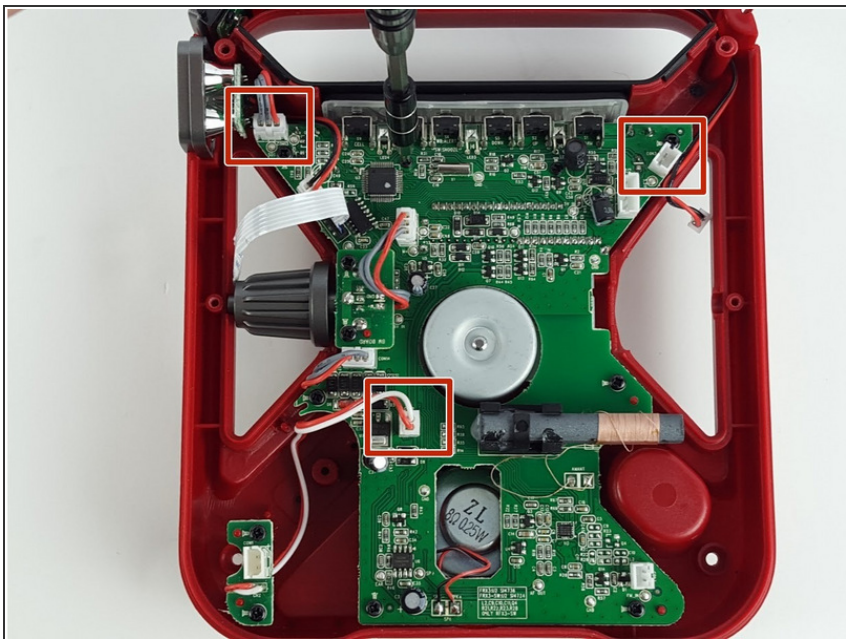
- Remove the two 1 cm Philips #0 screws that secure the tuning dial panel to the motherboard.

Step 10



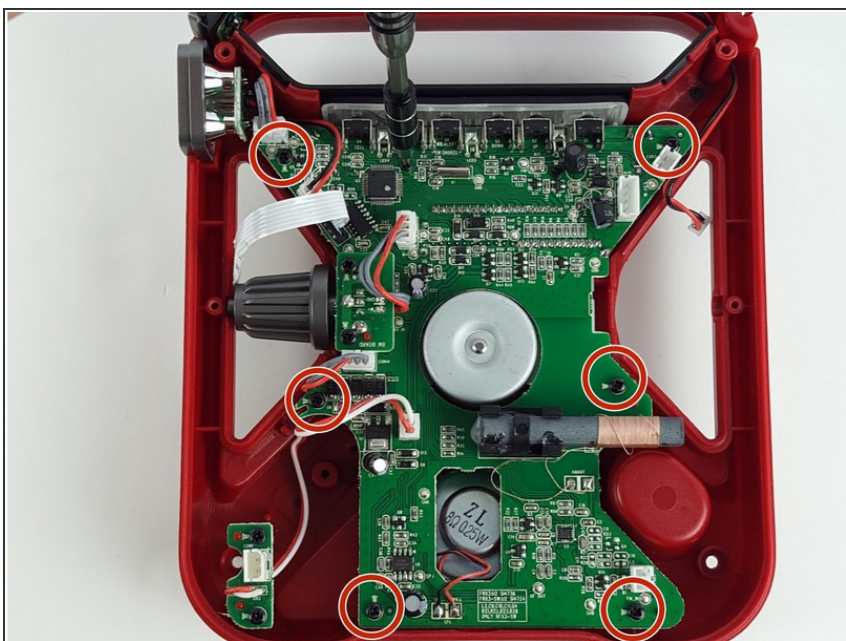
- Gently lift the dial upwards to remove it.

Step 11 — Motherboard Assembly



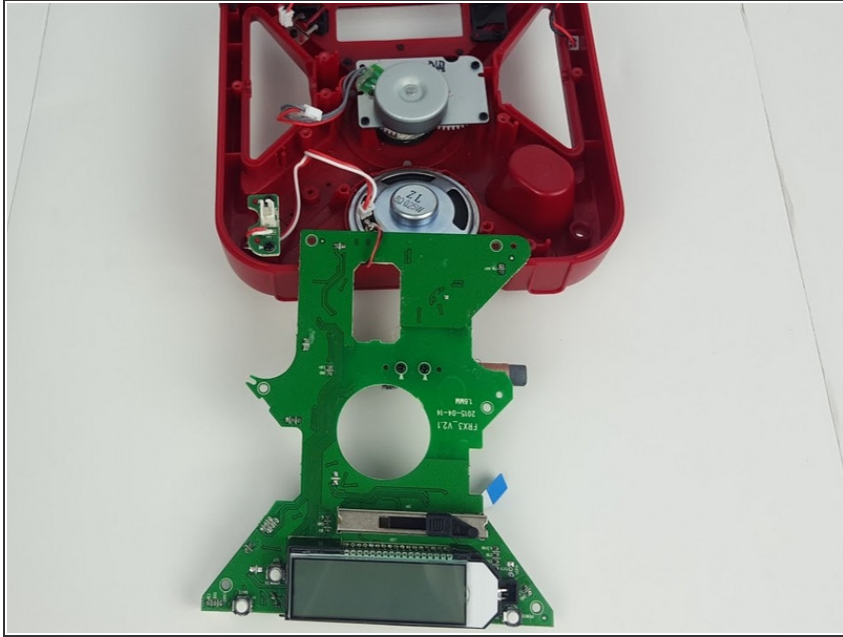
- Unplug all the component socket connections from the motherboard as shown in the image.

Step 12



- Remove the six 1 cm Phillips #0 screws that secure the motherboard to the case.

Step 13



- Fold the motherboard over the bottom of the device case.
- ⓘ Be careful not to damage the wires leading to the speaker.

To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-06-24 07:26:08 PM.